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PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

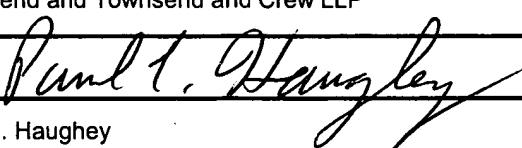
(to be used for all correspondence after initial filing)

		Application Number	10/798,596
		Filing Date	March 10, 2004
		First Named Inventor	Mannheimer, Paul D.
		Art Unit	3736
		Examiner Name	Matthew J. Kremer
Total Number of Pages in This Submission	7	Attorney Docket Number	009103-016220US

ENCLOSURES (Check all that apply)

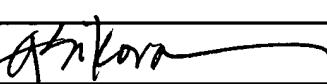
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply (6pp)	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
<input type="checkbox"/> Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Paul C. Haughey		
Date		Reg. No.	31,836

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature	
Typed or printed name	Gloria Sikora
Date	March 28, 2005



PATENT
Attorney Docket No.: 009103-016220US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Paul D. Mannheimer et al.

Application No.: 10/798,596

Filed: March 10, 2004

For: PULSE OXIMETER SENSOR
WITH PIECE-WISE FUNCTION

Customer No.: 20350

Confirmation No. 6350

Examiner: Matthew J. Kremer

Technology Center/Art Unit: 3736

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

March 28, 2005

Sir:

In response to the Office Action mailed December 28, 2004, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.